**Assignment No:** 2

**Course:** Information and Communication Technologies
**Total Marks:** 50

**Deadline: 11:59 PM - 16th November, 2025**

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**Section A: ICT in Education & E-Learning (15 Marks)**

**Q1. (Conceptual)** Define and differentiate between **Synchronous E-Learning** and **Asynchronous E-Learning** . Provide one specific technology example for each from the lecture. **(5 Marks)**

**Q2. (Practical)** A teacher wants to set up a "Digital Classroom." From the lecture, list:

- Two **hardware tools**
- Two **software/online tools** (e.g., assessment tools, LMS, or collaboration tools) **(5 Marks)**

**Q3. (Applied)** Based on the lecture, explain *why* ICT is important for **Inclusive Education**. Describe one example of an accessibility tool mentioned. **(5 Marks)**

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**Section B: ICT in Health & Well-being (15 Marks)**

**Q4. (Conceptual)** What is **Telemedicine** according to the lecture? List two of the Pakistani telemedicine platforms mentioned. **(5 Marks)**

**Q5. (Practical)** Lecture 6 discusses several health tracking apps. List two similar features that both **Google Fit** and **Samsung Health** offer for monitoring a user's health. **(5 Marks)**

**Q6. (Applied)** A person wants to start using a wearable device to monitor their physical activity and support their wellness goals. Explain how these "Health & Fitness Tracking Devices & Applications" work to provide **personalized insights** by monitoring and analyzing activities. **(5 Marks)**

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**Section C: ICT in E-Commerce & Finance (20 Marks)**

**Q7. (Conceptual)** According to the lecture, what is **E-Commerce**? List the four main parts of an e-commerce system. **(5 Marks)**

**Q8. (Practical)** The lecture discusses the advantages and disadvantages of **Electronic Funds Transfer (EFT)**. From the perspective of the **customer**, list:

- One **advantage**
- One **disadvantage (5 Marks)**

**Q9. (Applied)** A customer is at a physical store's **Electronic Point of Sale (EPOS) terminal** . Explain the specific function of the following two input devices during their checkout process:

1. **Bar Code Reader**
2. **Chip and Pin Reader (10 Marks)**

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**Good Luck**